#### PATENT COOPERATION TREATY

TRANSLATION From the INTERNATIONAL SEARCHING AUTHORITY To: WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1) See form PCT/ISA/210 Date of mailing (day/month/year) Applicant's or agent's file reference FOR FURTHER ACTION OA04147/CD See paragraph 2 below Priority date (day/month/year) International filing date (day/month/year) International application No. 28.02.2005 25.03.2004 PCT/FR2005/000476 International Patent Classification (IPC) or both national classification and IPC A61K7/021 Applicant L'OREAL This opinion contains indications relating to the following items: Box No. I Basis of the opinion Box No. II Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. IV Lack of unity of invention Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial Box No. V applicability; citations and explanations supporting such statement Box No. VI Certain documents cited Box No. VII Certain defects in the international application Box No. VIII Certain observations on the international application **FURTHER ACTION** If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCI/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220. For further details, see notes to Form PCT/ISA/220. Authorized officer Name and mailing address of the ISA/EP Telephone No.

Facsimile No.

Box No. I		Busis of this opinion	
1.		regard to the language, this opinion has been established on the basis of the international application in the language in which it was unless otherwise indicated under this item.	
		This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under	
	-	Rule 12.3 and 23.1(b)).	
2.		regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed tion, this opinion has been established on the basis of:	
	a.	type of material	
		a sequence listing	
		table(s) related to the sequence listing	
	ъ.	format of material	
		in written format	
		in computer readable form	
	c.	time of filing/furnishing	
		contained in the international application as filed.	
		filed together with the international application in computer readable form.	
		furnished subsequently to this Authority for the purposes of search.	
3.	3. In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.		
4.	Λddi	tional comments:	
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Box	Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement						
1.	Statement Statement						
	Novelty (N)	Claims 1-31, 42, 44-46, 50 Claims 32-41, 43, 47-49, 51-57	YES				
	Inventive step (IS)	Claims 1-31, 42, 44-46, 50 Claims 32-41, 43, 47-49, 51-57	YES NO				
	Industrial applicability (IA)	Claims 1-57 Claims	YES NO				
2.	Citations and explanations:						
	The present application relates to cosmetic or pharmaceutical compositions containing at least one polymer comprising at least one monomeric compound of formula (I); a cosmetic method using the said compositions; monomeric compounds of formula (I); polymers comprising at least one such monomeric compound; and the use of at least one such monomeric compound or at least one such polymer in a composition for the purpose of conferring optical effects thereon, in particular fluorescence or optical brightener effects.  Reference is made to the following documents cited in the search report:						
	homo <sub>j</sub> FERR INTE CRYS	, ALEXANDER ET AL: "Ferroelectric siloxane polymers and fluorescent copolymers"  OELECTRICS, 181(1-4, PROCEEDINGS OF THE FIFTH RNATIONAL CONFERENCE ON FERROELECTRIC LIQUID TALS, 1995, PT. 4), 249-260 CODEN: FEROA8; ISSN:					
	D2: HU C emit SEQU	-0193, 1996, XP009050341  ET AL: "Synthesis and luminescence of novel ting copolymers" SYNTHETIC METALS, ELSEVIER  OIA, LAUSANNE, CH, vol. 102, 1999, pages 1129-1130, 2300038 ISSN: 0379-6779					
	D3: WO 0	1/81654 A (ONDEO NALCO COMPANY) 1 November 2001 1-11-01)					
t	·	-0 728 775 (BAYER AG) 28 August 1996 (1996-08-28)					
		-5 626 839 (SCALES-MEDEIROS VIRGINIA) 6 May 1997 7-05-06)					
	D6. CDZD	CUEV I ET AL. "Synthesis of Some Unsaturated 1.8-					

International application No.
PCT/FR2005/000476

Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; Box No. V citations and explanations supporting such statement Naphthalimide Dyes" DYES AND PIGMENTS, ELSEVIER APPLIED SCIENCE PUBLISHERS, BARKING, GB, vol. 28, no. 1, 1995, pages 41-46 XP004033226 ISSN: 0143-7208 KONSTANTINOVA T N ET AL: "THE SYNTHESIS OF SOME 1,8-D7: NAPHTHALIC ANHYDRIDE DERIVATIVES AS DYES FOR POLYMERIC MATERIALS" DYES AND PIGMENTS, ELSEVIER APPLIED SCIENCE PUBLISHERS, BARKING, GB, vol. 22, no. 3, January 1993 (1993-01), pages 191-198, XP000387701 ISSN: 0143-7208 BEER A ET AL: "FLUORESCENT FERROELECTRIC LIQUID D8: CRYSTALLINE COPOLYACRYLATES" LIQUID CRYSTALS, TAYLOR AND FRANCIS LTD, LONDON, GB, vol. 19, no. 5, 1 November . 1995 (1995-11-01), pages 565-572, XP000556993 ISSN: 0267-8292 US 2004/023159 A1 (SAKAYORI KATSUYA) 5 February 2004 D9: (2004 - 02 - 05)BOJINOV, VLAD1/18 - (C) FILE CAPLUS: "Synthesis and D10: photophysical investigations of novel polymerizable blue emitting fluorophores - combination of a hindered amine with a benzo[de]isoquinoline-1,3-dione" MACROMOL. CHEM. PHYS., vol. 205, 2004, pages 1259-1268, XP009050355 D1 describes fluorescent monomers which form part of polysiloxane polymers. The compound "dye monomer 3" on page 250 falls within the scope of claim 32. Accordingly the subject matter of claims 32-39, 41, 43, 47-49, 53, 54 and 57 is not novel (PCT Article 33(2)). D2 describes electroluminescent polymers containing monomers "TM", which have polymerizable groups corresponding to those of the present application (see diagram on page 1129). Accordingly the subject matter of claims 32-34, 36-41, 43, 47, 48 and 57 is not novel.

D3 describes fluorescent monomers which are derived from 1,8-naphthalimide and which carry a polymerizable group (pages 5-7; claims). Examples 1, 3, 6, 7, 9, 12-14 show specific compounds and the corresponding polymers. Accordingly the subject matter of claims 32, 33, 36, 37, 39, 43, 47-49 and 51-57 is not novel.

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Box No. V

Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

D5 describes self-tanning cosmetic compositions containing a self-tanning agent and a fluorescent dye such as naphthalimide (column 5, lines 13-23 and claim 1).

The use of compounds of formula (I) of the present application or the corresponding polymers in cosmetology or pharmacy is neither described nor suggested in the prior art. The subject matter of claims 1-31, 42, 44-46 and 50 therefore meets the requirements of PCT Article 33(2) and (3).

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4.	Additional comments:
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1.	Statement						
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	Inventive step (IS)	Claims 1-31, 42, 44-46, 50 Claims 32-41, 43, 47-49, 51-57	YES NO				
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